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(FILE 'HOME' ENTERED AT 14:51:06 ON 08 JAN 2007)

FILE 'CAPLUS' ENTERED AT 14:51:24 ON 08 JAN 2007

E WO2004-EP10062/APPS

L1 1 SEA ABB=ON PLU=ON WO2004-EP10062/APPS
D SCA
L2 609085 SEA ABB=ON PLU=ON CAT/RL
L3 2930958 SEA ABB=ON PLU=ON (RACT OR RGT OR RCT)/RL
L4 4342194 SEA ABB=ON PLU=ON PREP/RL
SEL RN L1

FILE 'REGISTRY' ENTERED AT 14:53:21 ON 08 JAN 2007

L5 11 SEA ABB=ON PLU=ON (108-87-2/BI OR 110-82-7/BI OR 1333-74-0/BI
OR 1477-55-0/BI OR 17300-02-6/BI OR 626-17-5/BI OR 7439-89-6/B
I OR 7439-96-5/BI OR 7440-02-0/BI OR 7440-48-4/BI OR 91-15-6/BI
)

FILE 'CAPLUS' ENTERED AT 14:53:34 ON 08 JAN 2007

L6 1 SEA ABB=ON PLU=ON L1 AND (L5 (L) L2)
L7 1 SEA ABB=ON PLU=ON L1 AND (L5 (L) L3)
L8 1 SEA ABB=ON PLU=ON L1 AND (L5 (L) L4)
D SCA L6
D SCA L7
D SCA L8
SEL HIT RN L8

FILE 'REGISTRY' ENTERED AT 14:55:29 ON 08 JAN 2007

L9 2 SEA ABB=ON PLU=ON (1477-55-0/BI OR 17300-02-6/BI)
D SCA
L10 1 SEA ABB=ON PLU=ON 1,4-BENZENEDIMETHANAMINE/CN
D SCA
L11 3 SEA ABB=ON PLU=ON (L9 OR L10)

FILE 'CAPLUS' ENTERED AT 14:57:22 ON 08 JAN 2007

SEL RN L6

FILE 'REGISTRY' ENTERED AT 14:57:36 ON 08 JAN 2007

L12 11 SEA ABB=ON PLU=ON (108-87-2/BI OR 110-82-7/BI OR 1333-74-0/BI
OR 1477-55-0/BI OR 17300-02-6/BI OR 626-17-5/BI OR 7439-89-6/B
I OR 7439-96-5/BI OR 7440-02-0/BI OR 7440-48-4/BI OR 91-15-6/BI
)

FILE 'CAPLUS' ENTERED AT 14:58:21 ON 08 JAN 2007

SEL HIT RN L6

FILE 'REGISTRY' ENTERED AT 14:58:26 ON 08 JAN 2007

L13 4 SEA ABB=ON PLU=ON (7439-89-6/BI OR 7439-96-5/BI OR 7440-02-0/
BI OR 7440-48-4/BI)
D SCA

FILE 'CAPLUS' ENTERED AT 14:58:47 ON 08 JAN 2007

SEL HIT RN L7

FILE 'REGISTRY' ENTERED AT 14:58:56 ON 08 JAN 2007

L14 3 SEA ABB=ON PLU=ON (1333-74-0/BI OR 626-17-5/BI OR 91-15-6/BI)

L15 D SCA
 1 SEA ABB=ON PLU=ON 1,4-BENZENEDICARBONITRILE/CN
 D SCA
 L16 4 SEA ABB=ON PLU=ON (L14 OR L15)
 L17 3 SEA ABB=ON PLU=ON L16 AND NRS>0

FILE 'CAPLUS' ENTERED AT 15:01:08 ON 08 JAN 2007

L18 56993 SEA ABB=ON PLU=ON L13 (L) CAT/RL
 L19 354 SEA ABB=ON PLU=ON L11 (L) L4
 L20 1815 SEA ABB=ON PLU=ON L17 (L) L3
 L21 37 SEA ABB=ON PLU=ON L18 AND L19 AND L20

FILE 'REGISTRY' ENTERED AT 15:10:52 ON 08 JAN 2007

L22 1 SEA ABB=ON PLU=ON L16 NOT L17

FILE 'CAPLUS' ENTERED AT 15:11:08 ON 08 JAN 2007

L23 18 SEA ABB=ON PLU=ON L21 AND L22
 L24 37 SEA ABB=ON PLU=ON HYDROGENAT?/BI AND L21

FILE 'REGISTRY' ENTERED AT 15:12:58 ON 08 JAN 2007

L25 1 SEA ABB=ON PLU=ON AMMONIA/CN

FILE 'CAPLUS' ENTERED AT 15:13:10 ON 08 JAN 2007

L26 15 SEA ABB=ON PLU=ON L25 AND L21
 L27 15 SEA ABB=ON PLU=ON (L23 OR L24) AND L26
 L28 37 SEA ABB=ON PLU=ON L21 OR L23 OR L24 OR L26
 L29 6 SEA ABB=ON PLU=ON L28 AND J/DT
 L30 30 SEA ABB=ON PLU=ON L28 AND P/DT
 L31 1 SEA ABB=ON PLU=ON L28 NOT (L29 OR L30)
 D DT
 L32 QUE ABB=ON PLU=ON (?REACTOR? OR ?EFFLUENT? OR ?RECYCL? OR
 ?CIRCULAT? OR ?INLET? OR ?OUTLET? OR STREAM? OR MELT OR
 ?MIXER? OR PASS OR NOZZLE?)/BI
 L33 10 SEA ABB=ON PLU=ON L28 AND L32
 D SCA
 SEL PN L30

FILE 'USPATFULL' ENTERED AT 15:28:22 ON 08 JAN 2007

L34 11 SEA ABB=ON PLU=ON (EP1193244/PN OR DE10341612/PN OR DE1034161
 3/PN OR DE10341614/PN OR DE10341615/PN OR DE10341632/PN OR
 DE10341633/PN OR DE3003730/PN OR EP1279661/PN OR EP1663943/PN
 OR EP908447/PN OR FR2447901/PN OR FR2447903/PN OR GB2043056/PN
 OR IL126443/PN OR "JP3528970 B2"/PN OR NO2005003066/PN OR
 NO319399/PN OR NO9804622/PN OR US6114277/PN OR WO2006101302/PN
 OR AU9715586/PN OR AU9857799/PN OR BE881480/PN OR BE881481/PN
 OR CA1126760/PN OR CA1126762/PN OR CA2250770/PN OR CN1100035/PN
 OR CN1109669/PN OR CN1216038/PN OR CN1285343/PN OR CN1397543/P
 N OR CN1486971/PN OR CN1523007/PN OR CN1526697/PN OR CN1849291/
 PN OR CN1849292/PN OR CN1849293/PN OR CN1849294/PN OR CN1849295
 /PN OR CZ290604/PN OR DD77983/PN OR DE102004042954/PN OR
 DE102005003315/PN OR DE102005008929/PN OR DE3003728/PN OR
 EP1262232/PN OR EP1394146/PN OR EP1449825/PN OR EP1454895/PN
 OR EP1663942/PN OR EP1663944/PN OR EP1663945/PN OR EP1663946/PN
 OR GB2043057/PN OR "JP02027334 B"/PN OR JP2002105035/PN OR
 JP2003026638/PN OR JP2003026639/PN OR JP2003038956/PN OR
 JP2003038958/PN OR JP2003327563/PN OR JP2004107327/PN OR
 JP2004269510/PN OR JP2004292435/PN OR JP2006265228/PN OR
 JP49133339/PN OR JP51078795/PN OR "JP54037593 B"/PN OR
 JP55104235/PN OR JP55104236/PN OR KR2000044033/PN OR NL8000456/
 PN OR NL8000621/PN OR SU183764/PN OR SU727629/PN OR TW225854/PN

OR US2002038054/PN OR US2002177735/PN OR US2003013917/PN OR
US2004039232/PN OR US2005004399/PN OR US2005277790/PN OR
US4186146/PN OR US4222961/PN OR US4482741/PN OR US6476267/PN
OR US6476269/PN OR US6646163/PN OR US6881864/PN OR US6894192/PN
OR WO2000046179/PN OR WO2005026098/PN OR WO2005026100/PN OR
WO2005026101/PN OR WO2005026102/PN OR WO2005026103/PN OR
WO2005026104/PN OR WO2005028417/PN OR WO2006077233/PN OR
WO2006089931/PN OR WO9833766/PN OR WO9833767/PN)
D COST FULL

FILE 'CAPLUS' ENTERED AT 15:29:07 ON 08 JAN 2007
SEL AN L30

FILE 'USPATFULL' ENTERED AT 15:29:27 ON 08 JAN 2007

L35 13 SEA ABB=ON PLU=ON ("102:45600"/AN OR "129:161420"/AN OR
"129:161421"/AN OR "133:120137"/AN OR "135:242001"/AN OR
"136:264845"/AN OR "137:386325"/AN OR "138:122950"/AN OR
"138:91824"/AN OR "139:381881"/AN OR "140:219730"/AN OR
"141:190594"/AN OR "141:245229"/AN OR "142:338154"/AN OR
"142:338156"/AN OR "142:338157"/AN OR "142:338158"/AN OR
"142:338159"/AN OR "142:338160"/AN OR "142:357052"/AN OR
"145:145393"/AN OR "145:273670"/AN OR "145:356492"/AN OR
"1967:65276"/AN OR "1972:72204"/AN OR "1975:139630"/AN OR
"1980:100139"/AN OR "1980:198082"/AN OR "1980:585927"/AN OR
"1981:46849"/AN OR "1985:45600"/AN OR "1998:543045"/AN OR
"1998:543046"/AN OR "2000:553536"/AN OR "2001:731381"/AN OR
"2002:241381"/AN OR "2002:907219"/AN OR "2003:43058"/AN OR
"2003:68568"/AN OR "2003:906050"/AN OR "2004:162518"/AN OR
"2004:700273"/AN OR "2004:732250"/AN OR "2005:260007"/AN OR
"2005:260009"/AN OR "2005:260010"/AN OR "2005:260011"/AN OR
"2005:260012"/AN OR "2005:260013"/AN OR "2005:283452"/AN OR
"2006:1010689"/AN OR "2006:733436"/AN OR "2006:885001"/AN OR
"66:65276"/AN OR "76:72204"/AN OR "82:139630"/AN OR "92:100139"
/AN OR "92:198082"/AN OR "93:185927"/AN OR "94:46849"/AN)

FILE 'CAPLUS' ENTERED AT 15:29:43 ON 08 JAN 2007
SEL PRN L30

FILE 'USPATFULL' ENTERED AT 15:30:00 ON 08 JAN 2007

L36 10 SEA ABB=ON PLU=ON (WO1997-JP270/PRN OR WO1998-JP464/PRN OR
US1979-8310/PRN OR US1979-8313/PRN OR DE2003-10341612/PRN OR
DE2003-10341613/PRN OR DE2003-10341614/PRN OR DE2003-10341633/P
RN OR DE2003-10341615/PRN OR DE2003-10341632/PRN OR JP2002-2452
22/PRN OR JP2003-42397/PRN OR JP2003-61258/PRN OR DE2004-102004
042954/PRN OR JP2000-290459/PRN OR JP2001-152012/PRN OR
JP2001-152013/PRN OR JP2001-215006/PRN OR JP1999-156052/PRN OR
JP1999-26887/PRN OR KR2005-24601/PRN OR WO2004-EP10062/PRN OR
WO2004-EP9568/PRN OR WO2004-EP9883/PRN OR WO2004-EP9884/PRN OR
WO2004-EP9885/PRN OR CN1999-113993/PRN OR DE2005-102005003315/P
RN OR DE2005-102005008929/PRN OR JP1973-49341/PRN OR JP1975-113
8/PRN OR JP2001-215005/PRN OR JP2002-135528/PRN OR SU1978-26360
50/PRN OR US1984-569367/PRN OR WO2000-JP586/PRN)
L37 26 SEA ABB=ON PLU=ON L34 OR L35 OR L36
L38 16 SEA ABB=ON PLU=ON L32 AND L37
L39 174465 SEA ABB=ON PLU=ON ?RECYCL?
L40 68442 SEA ABB=ON PLU=ON ?EFFLUENT?
L41 5 SEA ABB=ON PLU=ON (L39 OR L40) AND L38
D KWIC 1-5
D KWIC L38 1-16
L42 25 SEA ABB=ON PLU=ON HUGO R?/AU

L43 5 SEA ABB=ON PLU=ON WENZ K?/AU
 L44 71 SEA ABB=ON PLU=ON JOURDAN S?/AU
 L45 17 SEA ABB=ON PLU=ON PREISS T?/AU
 L46 1 SEA ABB=ON PLU=ON (L42 OR L43 OR L44 OR L45) AND L38
 L47 1 SEA ABB=ON PLU=ON L42 AND (L43 OR L44 OR L45)
 L48 1 SEA ABB=ON PLU=ON L43 AND (L44 OR L45)
 L49 1 SEA ABB=ON PLU=ON L44 AND L45
 L50 1 SEA ABB=ON PLU=ON (L47 OR L48 OR L49)

 FILE 'CAPLUS' ENTERED AT 15:38:30 ON 08 JAN 2007
 L51 9 SEA ABB=ON PLU=ON (L47 OR L48 OR L49)
 L52 9 SEA ABB=ON PLU=ON (L42 OR L43 OR L44 OR L45) AND (L21 OR L23
 OR L24 OR L26 OR L33)
 L53 37 SEA ABB=ON PLU=ON (L21 OR L23 OR L24 OR L26 OR L33)
 L54 28 SEA ABB=ON PLU=ON L53 NOT (L51 OR L52)

 FILE 'USPATFULL, CAPLUS' ENTERED AT 15:40:27 ON 08 JAN 2007
 L55 38 DUP REM L38 L54 (6 DUPLICATES REMOVED)
 ANSWERS '1-16' FROM FILE USPATFULL
 ANSWERS '17-38' FROM FILE CAPLUS

 FILE 'STNGUIDE' ENTERED AT 15:40:54 ON 08 JAN 2007

 FILE 'USPATFULL, CAPLUS' ENTERED AT 15:41:21 ON 08 JAN 2007
 D IND L55 1

 FILE 'STNGUIDE' ENTERED AT 15:41:22 ON 08 JAN 2007

 FILE 'STNGUIDE' ENTERED AT 15:42:27 ON 08 JAN 2007

 FILE 'REGISTRY' ENTERED AT 15:42:51 ON 08 JAN 2007

 FILE 'CAPLUS' ENTERED AT 15:42:56 ON 08 JAN 2007
 D STAT QUE L51
 D STAT QUE L52
 L56 10 SEA ABB=ON PLU=ON (L51 OR L52)

 FILE 'USPATFULL' ENTERED AT 15:43:37 ON 08 JAN 2007
 D STAT QUE L46
 D STAT QUE L50
 L57 1 SEA ABB=ON PLU=ON L46 OR L50

 FILE 'CAPLUS, USPATFULL' ENTERED AT 15:44:35 ON 08 JAN 2007
 L58 11 DUP REM L56 L57 (0 DUPLICATES REMOVED)
 ANSWERS '1-10' FROM FILE CAPLUS
 ANSWER '11' FROM FILE USPATFULL
 D IBIB ABS HITIND HITSTR L58 1-10
 D IBIB ABS KWIC HITSTR L58 11

 FILE 'REGISTRY' ENTERED AT 15:46:30 ON 08 JAN 2007

 FILE 'CAPLUS' ENTERED AT 15:46:36 ON 08 JAN 2007
 D STAT QUE L21
 D STAT QUE L23
 D STAT QUE L24
 D STAT QUE L26
 D STAT QUE L33
 L59 28 SEA ABB=ON PLU=ON (L21 OR L23 OR L24 OR L26 OR L33) NOT L56

 FILE 'USPATFULL' ENTERED AT 15:47:35 ON 08 JAN 2007

L60 D STAT QUE L38
15 SEA ABB=ON PLU=ON L38 NOT L57

FILE 'CAPLUS' ENTERED AT 15:48:47 ON 08 JAN 2007
D IBIB ABS HITIND HITSTR L59 1-28

FILE 'USPATFULL' ENTERED AT 15:48:54 ON 08 JAN 2007
D IBIB ABS KWIC HITSTR L60 1-15

FILE HOME

FILE CAPLUS

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FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2
DICTIONARY FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2

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<http://www.cas.org/ONLINE/UG/regprops.html>

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 4 Jan 2007 (20070104/PD)
FILE LAST UPDATED: 4 Jan 2007 (20070104/ED)
HIGHEST GRANTED PATENT NUMBER: US7159245
HIGHEST APPLICATION PUBLICATION NUMBER: US2007006355
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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2006

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jan 5, 2007 (20070105/UP).

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